

AO 120 (Rev. 08/10)

TO: Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been
filed in the U.S. District Court Northern District of Georgia on the following

☐ Trademarks or ☒ Patents. (☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 1:16-cv-3506-TWT	DATE FILED 9/20/2016	U.S. DISTRICT COURT Northern District of Georgia
PLAINTIFF SOUTHERN STATES, LLC		DEFENDANT CLEAVELAND/PRICE, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 8,392,130 B2	3/5/2013	SSI Power, LLC
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In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT Voluntary Dismissal without prejudice pursuant to Fed.R.Civ.P.41(a)(1)(i)
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CLERK JAMES N. HATTEN	(BY) DEPUTY CLERK s/Jennifer Lee	DATE 11/30/2016
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Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy



US008392130B2

(12) **United States Patent**
Schafer et al.

(10) **Patent No.:** **US 8,392,130 B2**
(45) **Date of Patent:** **Mar. 5, 2013**

(54) **HIGH VOLTAGE POWER LINE COMMUNICATION SYSTEM USING AN ENERGY HARVESTING POWER SUPPLY**

(75) Inventors: **Bradley John Schafer**, Fayetteville, GA (US); **Joseph Richard Rostron**, McDonough, GA (US); **Russell Keith Ortklese**, Hampton, GA (US); **Raj Anand**, McDonough, GA (US)

(73) Assignee: **SSI Power, LLC**, Hampton, GA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 420 days.

(21) Appl. No.: **12/756,248**

(22) Filed: **Apr. 8, 2010**

(65) **Prior Publication Data**
US 2010/0280775 A1 Nov. 4, 2010

Related U.S. Application Data

(60) Provisional application No. 61/173,707, filed on Apr. 29, 2009.

(51) **Int. Cl.**
G01R 19/00 (2006.01)

(52) **U.S. Cl.** **702/62**

(58) **Field of Classification Search** **702/62, 702/64, 76, 77, 182-185**

See application file for complete search history.

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(57) ABSTRACT

A communication and control system for a high voltage power line using an energy harvesting power supply to avoid batteries in the communication components maintained at line voltage. The energy harvesting power supply utilizes scavenged backscatter power received from a transceiver maintained at ground potential or a power supply with a super-saturating magnetic flux core, such as a mu-metal core, to harvest electromagnetic field energy from the power line. The communication equipment maintained at line voltage communicates information to the transceiver maintained at ground potential by modulating backscatter energy reflected from the beam transmitted by the ground level transceiver to minimize the power requirement of the communication equipment maintained at line voltage. Response equipment includes capacitors, voltage regulator, voltage sag supporter, circuit interrupter, remote communication equipment, reporting and analysis system.

20 Claims, 2 Drawing Sheets

